

KDR AND VEGF/KDR BINDING PEPTIDES AND THEIR USE IN DIAGNOSIS AND THERAPY

ABSTRACT

The present invention provides polypeptides, peptide dimer, and multimeric complexes comprising at least one binding moiety for KDR or VEGF/KDR complex, which have a variety of uses wherever treating, detecting, isolating or localizing angiogenesis is advantageous. Particularly disclosed are synthetic, isolated polypeptides capable of binding KDR or VEGF/KDR complex with high affinity (*e.g.*, having a $K_D < 1 \mu\text{M}$), and dimer and multimeric constructs comprising these polypeptides.